


ADP-8R
FBIS-2418/88
31 MAY 1988

MEMORANDUM FOR: Chief, Communications Engineering Division, OIT

FROM: Chief, Engineering Support Group, FBIS

SUBJECT: Definition of Classified AFS Data Protocol

1. The purpose of this letter is to define the data protocol required for supporting terminals and printers of the Classified AFS. The data protocol definition had been requested in recent meetings between FBIS, CONTEL, Lockheed Electronics, and OIT.

2. The protocol is the same for both terminals and printers:

Full Duplex
Asynchronous

Data Rate : 9600 bits/second Stop Bits : 1
Parity : None Character Set : ASCII
Word Length : 8 bits Flow Control : Xon/Xoff

3. This information was verbally provided to a CONTEL subcontractor who is responsible for configuring the PBX communication ports.

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4. As additional information, the terminals and printers will have EIA-232 interfaces with the pin-out configuration shown below.

<u>Pin</u>	<u>Function</u>	<u>Pin</u>	<u>Function</u>
1	- Chassis Ground	6	- Data Set Ready
2	- Transmit Data	7	- Signal Ground
3	- Receive Data	8	- Data Carrier Detect
4	- Request to Send	20	- Data Terminal Ready
5	- Clear to Send	22	- Ring Indicator

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5. If you have any questions, please contact me

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DS&T/FBIS/ESG/ADD/SES: (12MAY1988)

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1 - ESG Chrono

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